

## FINAL PAVEMENT (Bridge Decks Included) FINISH AND RIDE REQUIREMENTS

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Item	Description	Requirements		Remarks
		Intermediate Layers or QC	Final Surface	
110	Excavation	Staged construction - 0.1' in x-section & 16' longitudinally	1/2" in x-section and 16' longitudinally	
112	Subgrade Widening	Compact in accordance with 132.3, "Construction"		Assumed to include finish
132	Embankment	Same as 110		
150	Blading		Blade all areas to the section, line and grade shown on the plans.	
152	Road Grader Work	<b>Description.</b> ...according to the typical sections as shown on the plans where finished grade is uncontrolled. <b>Construction.</b> ...Grade the roadway and shape to the typical sections shown on the plans. Finish to a profile uniform and consistent with the topography.		
154	Scraper Work	References finishing in accordance with Item 150 or 152.		
156	Bulldozer Work	Reference finishing in accordance with "Blading" and "Road Grader Work."		
247	Flexible Base	Shape and maintain surface conformity with the typical sections, lines, and grades as shown on the plans or as directed.	Where surfacing is to be placed, correct grade deviations in excess of 1/4 in. in 16 ft. measured longitudinally or greater than 1/4 in. the entire width of the x-section.	
251	Reworking Base Material	Same as Item 247		
260	Lime Treatment (Road Mixed)	Finish grade of constructed subgrade in accordance with Section 132.3.F.1, "Grade Tolerances." Finish grade of constructed base in accordance with Section 247.4.E, "Finishing."		
263	Lime Treatment (Plant Mixed)	Shape and maintain surface conformity with the typical sections, lines, and grades as shown on the plans or as directed.	In areas where surfacing is to be placed, trim grade deviations in excess of 1/4 in. in 16 ft. measured longitudinally or greater than 1/4 in. for the entire width of the cross-section. ...	
265	Fly Ash or Lime-fly Ash Treatment (Road Mixed)		Same as 260.	
275	Cement Treatment (Road Mixed)	Same as 263		

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276	Cement Treatment (Plant Mixed)	Same as 263		
292	Asphalt Treatment (Plant Mixed)		Use Surface Test Type A in accordance with Item 585, "Ride Quality for Pavement Surfaces," unless otherwise shown on the plans.	
330	Limestone Rock Asphalt Pavement	References Item 585, Surface Test Type A (1/8" in 10')	Same as 292	
334	Hot-mix Cold-laid Asphalt Concrete Pavement	Same as 330	Same as 292	
340	Dense-Graded Hot-Mix Asphalt (Method)	Same as 330	Same as 292	
341	Dense-Graded Hot-Mix Asphalt (QCQA)	Same as 330	Unless otherwise shown on the plans, measure ride quality in accordance with Item 585, "Ride Quality for Pavement Surfaces." <i>(Default is to Type B)</i>	
342	Permeable Friction Course (PFC)	Same as 330	Same as 341	
344	Performance Designed Mixtures	Same as 330	Same as 341	
346	Stone Matrix Asphalt	Same as 330	Same as 341	
350	Microsurfacing	Addresses gaps and tears and construction joints only.		
351	Flexible Pavement Structure Repair	References pertinent Items		

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354	Planing and Texturing Pavement	Provide a pavement surface that, after planing, has a smooth riding quality and is true to the established line, grade, and cross section. Provide a pavement surface that does not vary more than 1/8 in. in 10 ft. Evaluate this criterion with a 10-ft. straightedge placed parallel to the centerline of the roadway.		
360	Concrete Pavement	Under 340.4.H, "Spreading and Finishing," Perform sufficient checks with long-handled 10-ft. and 15-ft. straightedges on the plastic concrete to ensure that the final surface is within the tolerances specified in Surface Test A in Item 585, "Ride Quality for Pavement Surfaces." Check with the straightedge parallel to the centerline.	Unless otherwise shown on the plans, measure ride quality in accordance with Item 585, "Ride Quality for Pavement Surfaces."	
361	Full-Depth Repair of Concrete Pavement		Match the grade and alignment of existing concrete pavement.	
368	Concrete Pavement Terminals		Under Concrete Placement, references to Item 360 for portions related and 420 for the bridge approach slab.	
420	Concrete Structures	Perform sufficient checks, witnessed by the Engineer, with a long-handled 16-ft. straightedge on the plastic concrete to ensure that the final surface will be within specified tolerances. Make the check with the straightedge parallel to the centerline. Lap each pass half over the preceding pass. Remove all high spots, and fill and float all depressions over 1/16 in... <b><i>[Other grading requirements discussed under 420.4.I.]</i></b>	For bridge decks, TxDOT will use 1/8" in 10'.	
422	Reinforced Concrete Slab	Addresses grading requirements for prestressed panels.	References 420	

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439	Concrete Bridge Deck Overlays		Meet the straightedge and texture depth requirements specified in Section 420.4.I, "Finish of Roadway Slabs," for the finishing of the concrete overlay.	
508	Constructing Detours	Construct... in accordance with pertinent Item.		
700	Pothole Repair	Finish to grade and compact to conform to roadway surface.		